Research Papers

The magnetic fabrics of the Egletons granite (France): separation and structural implications
B. Henry (Saint-Maur, France) 253
Anisotropy of magnetic susceptibility as a strain gauge in the Flamanville granite, NW France
J.P. Cogné and H. Perroud (Rennes, France) 264
Parallel magnetic fabrics in metamorphic, granitoid and sedimentary rocks of the Branisko and Čierna hora Mountains (E Slovakia) and their tectonometamorphic control
F. Hrouda, J. Hanák (Brno, Czechoslovakia) and S. Jacko (Košice, Czechoslovakia) 271
Magnetic susceptibility anisotropy of mylonites from the Brevard Zone, North Carolina, U.S.A.
A.G. Goldstein (Hamilton, NY, U.S.A.) and L.L. Brown (Amherst, MA, U.S.A.) 290
Magnetic fabric of peridotite with intersecting petrofabric surfaces, Tinaquillo, Venezuela
W.D. MacDonald (Binghamton, NY, U.S.A.) and B.B. Ellwood (Arlington, TX, U.S.A.) 301
Variations of petromagnetic fabric parameters of some Antarctic metamorphic rocks in the light of changes in the mineralogical and geochemical content
V. Damm and G. Andrehs (Potsdam, G.D.R.) 313
Comparative measurements of magnetic susceptibility anisotropy in red sandstones
F. Heller (Zurich, Switzerland) and T. Schultz-Krutisch (Würzburg, F.R.G.) 320
A magnetic signature of bottom current erosion
P.B. de Menocal, E.P. Laine (Narragansett, RI, U.S.A.) and P.F. Ciesielski (Gainesville, FL, U.S.A.) 326
Anisotropy of magnetic susceptibility in a weak magnetic field induced by stress
A, Kapička (Prague, Czechoslovakia) 349
Strain to anisotropy correlations corrected for the Digico calibration error
J.S. Rathore (Trondheim, Norway) 355
Potential energy density tensor and magnetic anisotropy problems
V. Jelínek (Brno, Czechoslovakia) 361
The measurement of anisotropy of magnetic susceptibility using a cryogenic (SQUID) magnetometer and a comparison with results obtained from a torsion-fiber magnetometer
V.A. Schmidt, T. Nagata (Pittsburgh, PA, U.S.A.), B.B. Ellwood (Arlington, TX, U.S.A.) and H.C. Noltimier (Columbus, OH, U.S.A.) 365
Identification of multicomponent anisotropies in rocks using various field and temperature values in a cryogenic magnetometer
P. Rochette and G. Fillion (Grenoble, France) 379
An automated torque meter for rapid measurement of high-field magnetic anisotropy of rocks
J. Parma (Brno, Czechoslovakia) 387

Contents of Volume 51 390

Research Papers

The magnetic fabrics of the Egletons granite (France): separation and structural implications
B. Henry (Saint-Maur, France) 253
Anisotropy of magnetic susceptibility as a strain gauge in the Flamanville granite, NW France
J.P. Cogné and H. Perroud (Rennes, France) 264
Parallel magnetic fabrics in metamorphic, granitoid and sedimentary rocks of the Branisko and Čierna hora Mountains (E Slovakia) and their tectonometamorphic control
F. Hrouda, J. Hanák (Brno, Czechoslovakia) and S. Jacko (Košice, Czechoslovakia) 271
Magnetic susceptibility anisotropy of mylonites from the Brevard Zone, North Carolina, U.S.A.
A.G. Goldstein (Hamilton, NY, U.S.A.) and L.L. Brown (Amherst, MA, U.S.A.) 290
Magnetic fabric of peridotite with intersecting petrofabric surfaces, Tinaquillo, Venezuela
W.D. MacDonald (Binghamton, NY, U.S.A.) and B.B. Ellwood (Arlington, TX, U.S.A.) 301
Variations of petromagnetic fabric parameters of some Antarctic metamorphic rocks in the light of changes in the mineralogical and geochemical content
V. Damm and G. Andrehs (Potsdam, G.D.R.) 313
Comparative measurements of magnetic susceptibility anisotropy in red sandstones
F. Heller (Zurich, Switzerland) and T. Schultz-Krutisch (Würzburg, F.R.G.) 320
A magnetic signature of bottom current erosion
P.B. de Menocal, E.P. Laine (Narragansett, RI, U.S.A.) and P.F. Ciesielski (Gainesville, FL, U.S.A.) 326
Anisotropy of magnetic susceptibility in a weak magnetic field induced by stress
A, Kapička (Prague, Czechoslovakia) 349
Strain to anisotropy correlations corrected for the Digico calibration error
J.S. Rathore (Trondheim, Norway) 355
Potential energy density tensor and magnetic anisotropy problems
V. Jelínek (Brno, Czechoslovakia) 361
The measurement of anisotropy of magnetic susceptibility using a cryogenic (SQUID) magnetometer and a comparison with results obtained from a torsion-fiber magnetometer
V.A. Schmidt, T. Nagata (Pittsburgh, PA, U.S.A.), B.B. Ellwood (Arlington, TX, U.S.A.) and H.C. Noltimier (Columbus, OH, U.S.A.) 365
Identification of multicomponent anisotropies in rocks using various field and temperature values in a cryogenic magnetometer
P. Rochette and G. Fillion (Grenoble, France) 379
An automated torque meter for rapid measurement of high-field magnetic anisotropy of rocks
J. Parma (Brno, Czechoslovakia) 387

Contents of Volume 51 390